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EN

Rightest™

Diabetes Management Software V1.3

BIONIME

USER'S MANUAL

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Introduction

The ***Rightest™*** Diabetes Management System is designed to help its users manage, view, and analyze blood glucose readings. It is intended for use by healthcare professionals as well as patients with diabetes.

The software included in the ***Rightest™*** Diabetes Management System features multiple user profiles. Each user must create a profile to login. Once logged in, users can import data from a ***Rightest™*** Blood Glucose Meter, view and analyze these blood glucose readings, and print blood glucose reports directly from the PC. Additionally, users can backup and recover profiles.

The ***Rightest™*** Diabetes Management Software is designed to help you pick out patterns in your blood glucose values. It will not provide a diagnosis or suggest treatment. Your healthcare provider may help you to find patterns and will help you make decisions about therapy based upon your blood glucose values. You should not make decisions about therapy without their help and approval. Changing your medicines without medical supervision may be dangerous.

Contents included in the ***Rightest™*** Diabetes Management System Kit:

1. Installation CD - Setup files for the ***Rightest™*** Diabetes Management Software and ***Rightest™*** PC Link Adapter Driver (PL2303).
2. ***Rightest™*** Diabetes Management Software User's Manual.
3. ***Rightest™*** PC Link Device.
4. ***Rightest™*** PC Link Instruction.

PC System Requirements

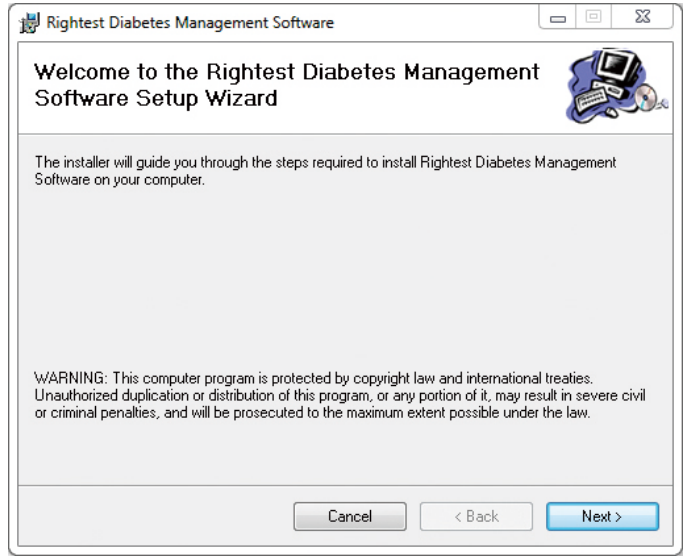
Before installing the ***Rightest™*** Diabetes Management Software, please make sure your system meets the following requirements:

- Microsoft Windows PC
- CPU: 550 MHz Intel Pentium 3 or above
- DRAM: 512 MB or more
- HD: 600 MB or more
- OS: Windows XP (SP3 or above), Windows Vista, Windows 7 or Windows 8
- Internet Explorer 7.0 or above
- USB 2.0 or above
- LCD screen with resolution of 1024*768 or above, and 65536 colors or more
- CD-ROM or DVD-ROM Drive
- Mouse and Keyboard
- Printer

To install the ***Rightest™*** Diabetes Management Software, please complete the following steps.

1. Turn on your PC.
2. Insert the ***Rightest™*** Diabetes Management Software Installation CD.
3. Double-click on 'My Computer'.
4. Find and double-click on your CD-Drive. By default, it should be labeled (D:) drive.
5. Double click on the " ***Rightest™*** DMS CD v1.3 ", and then double click on the " ***Rightest™*** DMS Setup v1.3.msi ". This will run ***Rightest™*** Diabetes Management Software Setup Wizard (shown on page 5). Follow the prompts to complete the installation. Once installation is complete, a shortcut named "***Rightest™*** Diabetes Management Software" will appear on your desktop.
6. Apply the following steps ONLY when your PC Link Device which is a wired adapter, but NOT if the device uses Bluetooth technology: Go back to "My Computer" - CD-Drive (D). Double click on "PL2303_Prolific_DriverInstaller_v1.8.0.exe" setup file. This will install the ***Rightest™*** PC Link Adapter Driver (PL2303). Follow the prompts to complete the installation. No shortcut will appear on your desktop for "PL2303".
7. Find the "***Rightest™*** Diabetes Management Software" shortcut created on your desktop, and double-click it each time you wish to use the ***Rightest™*** Diabetes Management Software.

NOTE
If you are unable to upload data from your meter after the installation of PC2303 Driver is finished, please download the latest PC2303 Driver from our website www.bionime.com and reinstall it.Or please contact Bionime Customer Service for help.


Rightest Diabetes Management Software
Welcome to the Rightest Diabetes Management Software Setup Wizard
The installer will guide you through the steps required to install Rightest Diabetes Management Software on your computer.
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
Cancel
< Back
Next >

NOTE
The screenshots in this User's Manual were taken from a PC using Windows 7. Appearance may vary slightly depending on the operating system of your PC.

The ***Rightest™*** Diabetes Management Software can be used by one or more users. To create a user profile, please complete the following steps.

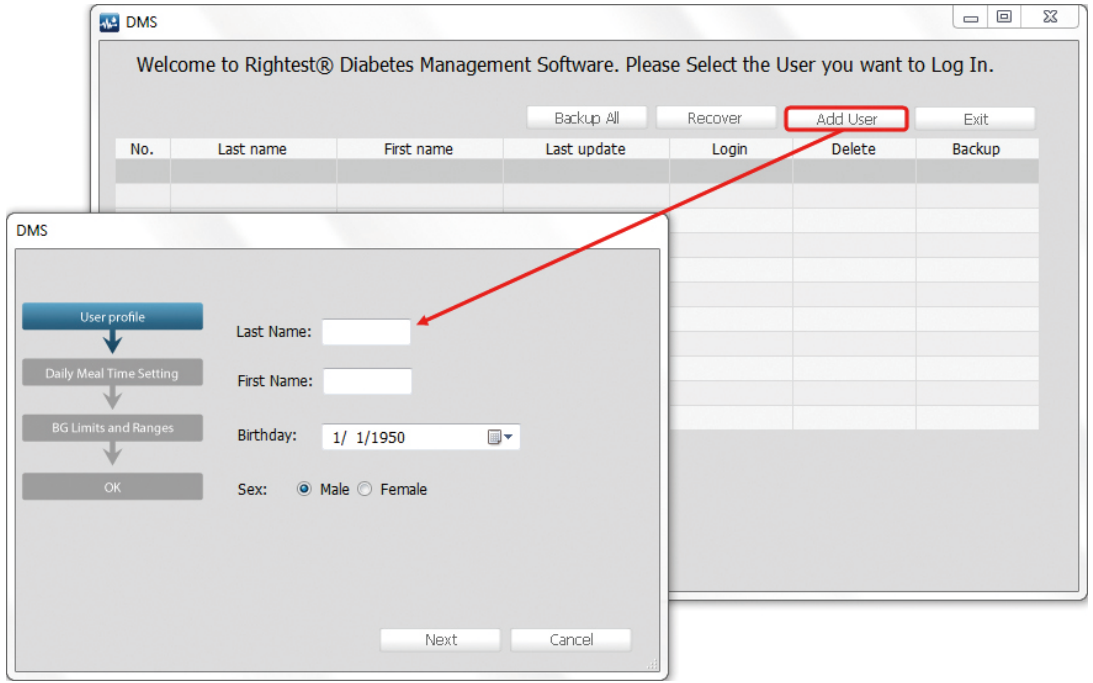
1. After double-clicking on the ***Rightest™*** Diabetes Management Software shortcut, a welcome screen will appear.
2. Click on "Add user" Add User to create your user profile. Enter your personal information, meal time schedule, and blood glucose information.
3. User Profile Settings: Enter your last name, first name, date of birth, and sex.
4. Daily Meal Time Setting: You can choose from different daily meal time slots. Make sure to set the Meal Times based on your normal daily eating schedule. This allows the data analysis to accurately track the blood glucose variation between each of your meals.

MEAL TIME KEY:

- Before Bfast.: BEFORE BREAKFAST
- After Bfast.: AFTER BREAKFAST
- Before L.: BEFORE LUNCH
- After L.: AFTER LUNCH
- Before Din.: BEFORE DINNER
- After Din.: AFTER DINNER

5. Blood Glucose Limits and Ranges Setting:
   The choice of values for hyperglycemia and hypoglycemia is personal and you may want to consult your health care provider to help you decide. Many people with diabetes consider hyperglycemia to be values above 180 mg/dL. For tight blood glucose control, some consider a value of 140 or even lower. Hypoglycemia is generally values less than 70, but if you do not feel symptoms of hypoglycemia, you may want to select a higher value.
6. Click on "Next" Next to finish and exit the profile setup.
7. Click on "Login" Login next to your user name to login.

Creating User Profiles



NOTE

1. When entering your information, DO NOT leave any fields blank. You will not be able to proceed to the next step if a field is blank.
2. To ensure that all of your blood glucose readings from the meter appear in their respective meal time slots, it is extremely important that the meal schedule you entered matches your actual daily meal schedule.
3. According to the AACC (The American Association for Clinical Chemistry):
   - Hyperglycemia is any value higher than 126mg/dL.
   - The normal range for those without diabetes should have a blood glucose reading within 70~99 mg/dL.

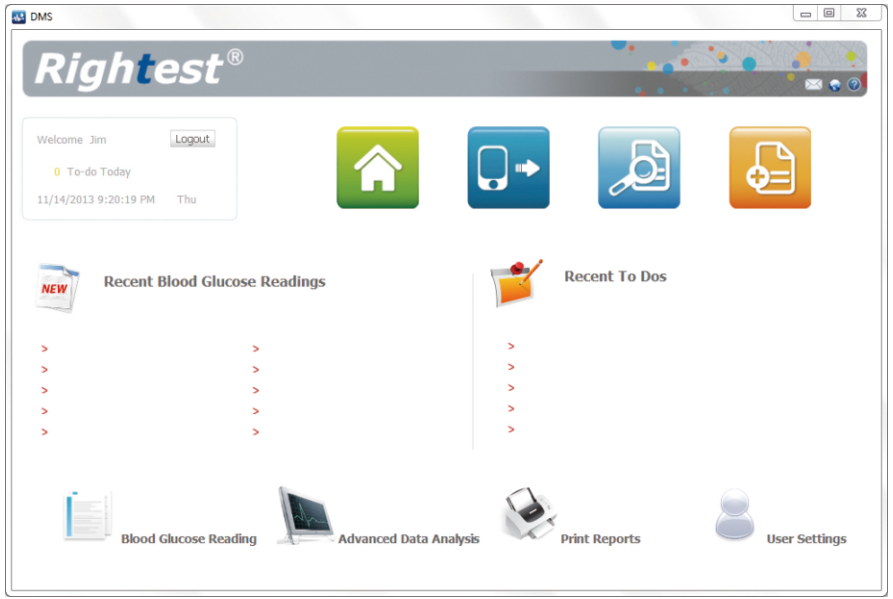
4 Please discuss with a healthcare professional or physician on what values to enter for your blood glucose ranges and limits.

To connect the ***Rightest™*** Blood Glucose Meter to your PC, please refer to the attached " ***Rightest™*** PC Link Instruction ".

NOTE

If your PC link device is a wired adapter, before connecting the meter to your PC, please make sure the ***Rightest™*** PC link adapter driver (PL2303) is installed. If not, please refer to the "instructions" (on Page 4) to install the driver. If the device is a Bluetooth PC Link, please make sure the connection between the Bluetooth PC Link and PC is established.

Once you log in, the "Home Page" (pictured below) will appear on your screen. The home page will display your 10 latest blood glucose readings and your To-Do List (with the 5 most recent "To-Dos"). It will also display icons for all of the main features. The following are descriptions of each main feature.



Home Page: Allows you to return to the Home Page.

Import Data: Uploads your blood glucose readings from your meter.

View Data: Allows you to view your blood glucose readings.

To-Do List: Allows you to input important reminders with date, times, and alerts.

Data Analysis (Blood Glucose Readings): Provides an extensive review of your blood glucose readings.

Advanced Data Analysis: This is an extensive review of the trend chart and distribution of your blood glucose.

Print Report: Allows you to print your blood glucose analysis report and user information.

User Settings: Allows you to change your profile information.

NOTE

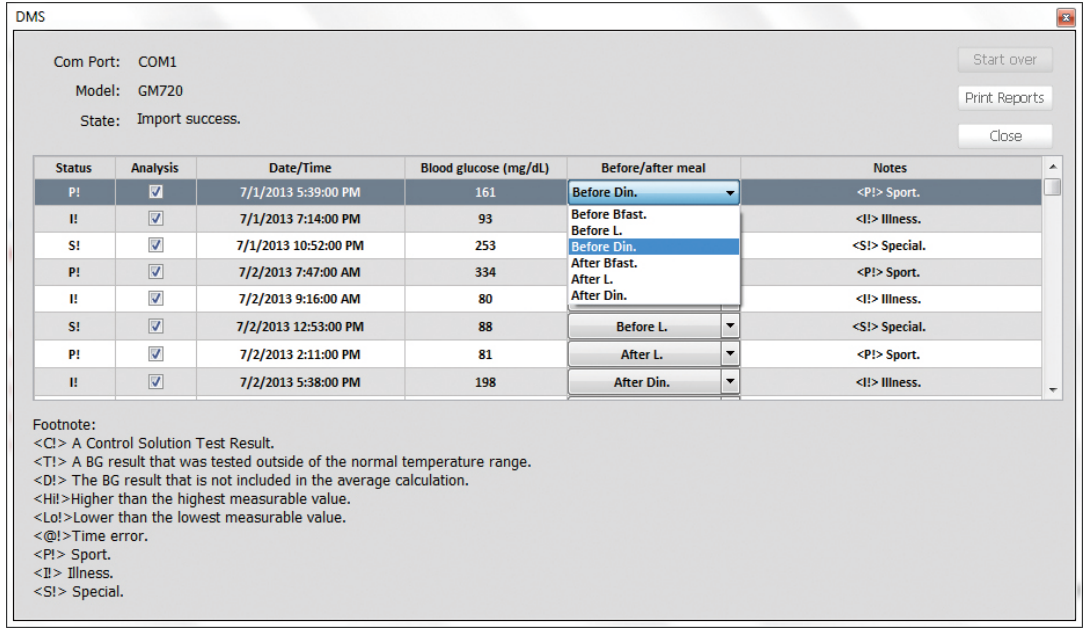
: This allows you to access BIONIME's services via the web or email.

Help: This goes directly to the online user manual.

All blood glucose readings from your meter, including the date and time of the readings, will be transferred to your PC. During or after the data transfer, your readings cannot be altered or deleted. To import data, please complete the following steps.

1. Click on "Import Data" to start transferring the data.
2. While data transfer is in progress, you should see its percentage of completion.
3. Once transfer is complete, a pop-up screen will appear that says "Import success. Total (# of data)". Click "OK" to close the pop-up screen.
4. You can reset "Before Bfast.", "Before L.", "Before Din.", "After Bfask.", "After L." and "After Din." for each test result.(shown on page 13) by clicking the column of "Before/after meal"
5. Click on "Close" Close to finish and exit.

NOTE
To import your data successfully, the symbol "PcL" needs to appear on the meter's screen BEFORE you click "Import Data". If " PcL" is not showing up on the screen, please refer to the attached " ***Rightest***™ PC Link Instruction".



The ***Rightest™*** Diabetes Management Software allows you to review your blood glucose readings for the previous 90 days. The data table and trend chart will be displayed on the Home Page.

The data table will provide measurement dates, time stamps, and meal times. You can choose from six different preset time periods to view your data.

On the trend chart, there will be two lines that represent the hyperglycemia and hypoglycemia limits. The normal blood glucose range lies between these two values. The limits and range can help you better understand your blood glucose readings. To view your data, please complete the following steps.

1. Click on "View Data" . The software will automatically display blood glucose readings from the 30-day time period.
2. You may select a different preset time period, located to the left of the data table.

Viewing Your Data

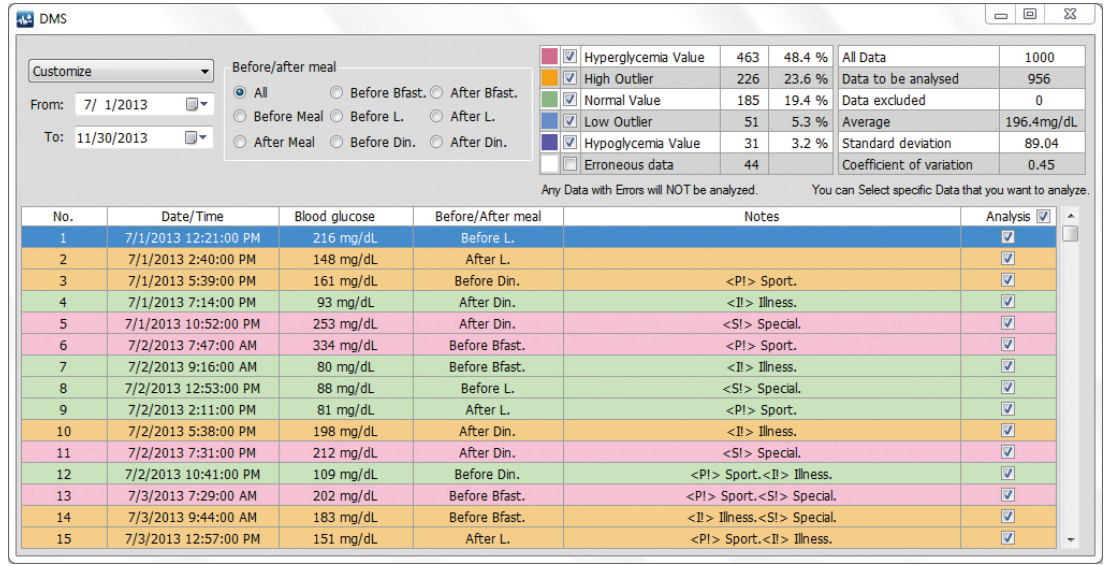
1. Click on to enlarge the trend chart. To exit zoom view, simply close the window.
2. Make sure to consult with a healthcare professional or your physician before entering the hyperglycemia and hypoglycemia limits, as well as the normal blood glucose range.
3. On the Trend Chart:
   - The gray area in between the limits indicates the normal blood glucose range.
   - The purple line is the hyperglycemia value.
   - The blue line is the hypoglycemia value.

   If you move your mouse cursor over the Trending Line, you can see your Blood Glucose Readings.

Click on the "Blood Glucose Readings" icon to view and analyze your blood glucose readings.

Instructions for Data Analysis:

1. You can choose from seven different time periods: 1 day, 7 days, 14 days , 21 days, 30 days, 60 days, or 90 days. You may also enter a customized time period.
2. You can choose from nine different meal times: Before/After Breakfast, Before/After Lunch, Before/After Dinner, Before/After Meal, or View All Data.
3. Your blood glucose readings will be represented by different colors:
   - [Red] This blood glucose reading is higher than the hyperglycemia value
   - [Orange] This blood glucose reading is considered to be a high outlier
   - [Green] This blood glucose reading is within the normal range
   - [Blue] This blood glucose reading is considered to be a low outlier
   - [Indigo] This blood glucose reading is lower than the hypoglycemia value
   - [White] An ERROR has occurred in the data
4. The software has five different methods to view your data with statistical analysis: View All Data, Total Analysis Data, Average Value, Standard Deviation, and Coefficient of Variation. In the table, you can view the percentage of each blood glucose reading.
5. When analyzing your data, you can select particular readings to view. Keep in mind that unselected readings will be excluded from ALL calculations and reports in Data Analysis and Advanced Data Analysis.


DMS
Customize
From: 7/ 1/2013
To: 11/30/2013
Before/after meal
All
Before Bfast.
After Bfast.
Before Meal
Before L.
After L.
After Meal
Before Din.
After Din.
Hyperglycemia Value 463 48.4 %
High Outlier 226 23.6 %
Normal Value 185 19.4 %
Low Outlier 51 5.3 %
Hypoglycemia Value 31 3.2 %
Erroneous data 44
All Data 1000
Data to be analysed 956
Data excluded 0
Average 196.4mg/dL
Standard deviation 89.04
Coefficient of variation 0.45
Any Data with Errors will NOT be analyzed.
You can Select specific Data that you want to analyze.
No. Date/Time Blood glucose Before/After meal Notes Analysis
1 7/1/2013 12:21:00 PM 216 mg/dL Before L.
2 7/1/2013 2:40:00 PM 148 mg/dL After L.
3 7/1/2013 5:39:00 PM 161 mg/dL Before Din. <P!> Sport.
4 7/1/2013 7:14:00 PM 93 mg/dL After Din. <I!> Illness.
5 7/1/2013 10:52:00 PM 253 mg/dL After Din. <S!> Special.
6 7/2/2013 7:47:00 AM 334 mg/dL Before Bfast. <P!> Sport.
7 7/2/2013 9:16:00 AM 80 mg/dL Before Bfast. <I!> Illness.
8 7/2/2013 12:53:00 PM 88 mg/dL Before L. <S!> Special.
9 7/2/2013 2:11:00 PM 81 mg/dL After L. <P!> Sport.
10 7/2/2013 5:38:00 PM 198 mg/dL After Din. <I!> Illness.
11 7/2/2013 7:31:00 PM 212 mg/dL After Din. <S!> Special.
12 7/2/2013 10:41:00 PM 109 mg/dL Before Din. <P!> Sport.<I!> Illness.
13 7/3/2013 7:29:00 AM 202 mg/dL Before Bfast. <P!> Sport.<S!> Special.
14 7/3/2013 9:44:00 AM 183 mg/dL Before Bfast. <I!> Illness.<S!> Special.
15 7/3/2013 12:57:00 PM 151 mg/dL After L. <P!> Sport.<I!> Illness.

NOTE
Data in the meter with an ERROR will be transferred to the database, but will be excluded from all calculations and analysis.

Click on the "Advanced Data Analysis" icon to view the Advanced Data Analysis Report. Select among "Blood Glucose Trend", "Blood Glucose Distribution" and "Standard Day".

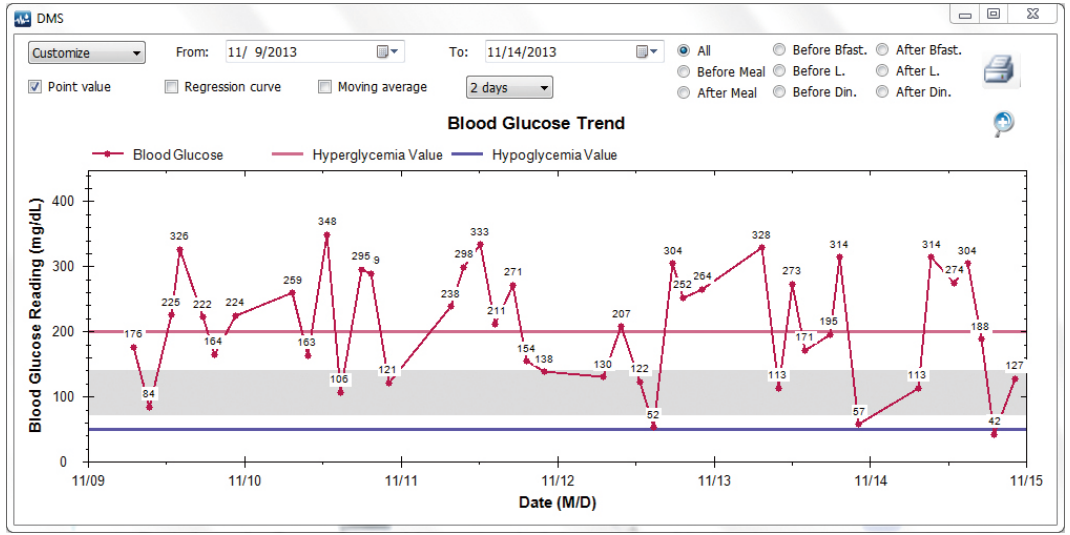
Instructions for Blood Glucose Trend Chart:

1. You can view data based on different time periods: 1 day, 7 days, 14 days, 21 days, 30 days, 60 days, and 90 days. You can also input a customized time period.
2. You can view data based on different meal times: Before/After Breakfast, Before/After Lunch, Before/After Dinner, Before/After Meal, or View All Data.
3. The trend chart can display either a regression curve or a move average line. The regression curve lets you see the long-term patterns of the selected time period. The move average line allows you to view short-term changes within the selected time period.

NOTE

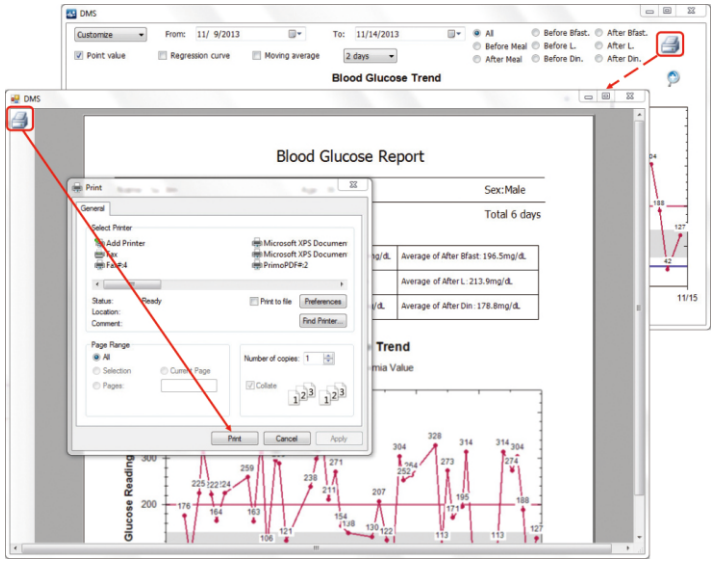
1. You can uncheck "Point Value" from your readings if you do not wish them to be displayed. If so, only the minimum and maximum point values will be shown. When you move your mouse cursor along the trend line, it will show the date, time, and point value of that particular reading.
2. If you only select one day to view your readings, then the regression curve and moving average line will NOT be displayed.
3. Click on to enlarge the trend chart. To exit zoom view, simply close the window.
4. On the trend chart:
   - The gray area in between the limits indicates the normal blood glucose range.
   - The purple line is the hyperglycemia value.
   - The blue line is hypoglycemia value.

Advanced Data Analysis



The trend chart can be printed in one page. Please complete the following steps.

1. Click on icon for the Print Preview.
2. Click on icon in the preview page.
3. Click on "Print" Print to print the trend chart.

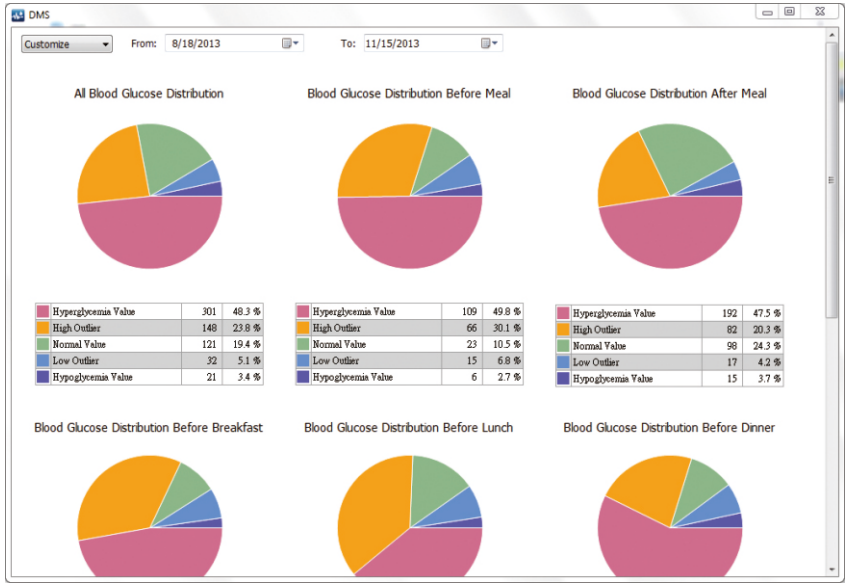


Advanced Data Analysis (continued)

The ***Rightest***® Diabetes Management Software allows you to view your blood glucose readings in different formats, including pie chart. However, the percentage of each blood glucose reading is not available in the pie chart.

Instructions for Pie Chart:

1. You can display certain blood glucose readings by selecting the different time periods: 1 day, 7 days, 14 days, 21 days, 30 days, 60 days, or 90 days. You may also input a customized time period.
2. In the pie chart, your blood glucose readings will be represented by different colors. The following is a COLOR KEY for the values.
   - [Red] The blood glucose reading is higher than the hyperglycemia value.
   - [Orange] The blood glucose reading is considered to be a high outlier.
   - [Green] The blood glucose reading is within the normal range.
   - [Blue] The blood glucose reading is considered to be a low outlier.
   - [Indigo] The blood glucose reading is lower than the hypoglycemia value.


DMS
Customize
From: 8/18/2013
To: 11/15/2013
All Blood Glucose Distribution
Hyperglycemia Value 301 48.3 %
High Outlier 148 23.8 %
Normal Value 121 19.4 %
Low Outlier 32 5.1 %
Hypoglycemia Value 21 3.4 %
Blood Glucose Distribution Before Meal
Hyperglycemia Value 109 49.8 %
High Outlier 66 30.1 %
Normal Value 23 10.5 %
Low Outlier 15 6.8 %
Hypoglycemia Value 6 2.7 %
Blood Glucose Distribution After Meal
Hyperglycemia Value 192 47.5 %
High Outlier 82 20.3 %
Normal Value 98 24.3 %
Low Outlier 17 4.2 %
Hypoglycemia Value 15 3.7 %
Blood Glucose Distribution Before Breakfast
Blood Glucose Distribution Before Lunch
Blood Glucose Distribution Before Dinner

NOTE
Any errors within the data will NOT be included in the pie chart.

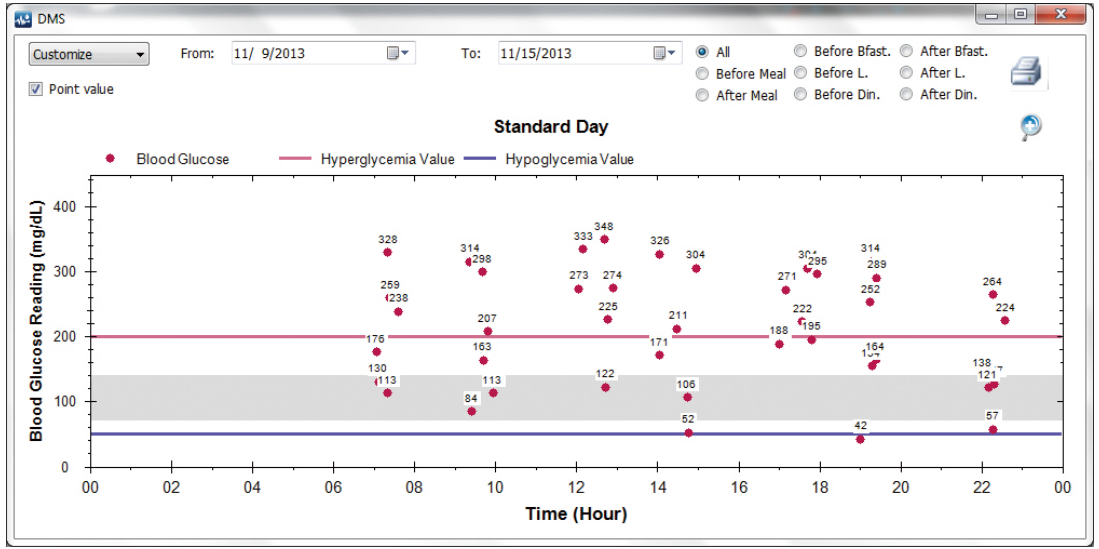
Advanced Data Analysis (continued)

Introductions for Standard day chart:

1. You can view data based on different time periods: 1 day, 7 days, 14 days, 30 days, 60 days and 90 days. You can also input a customized time period.
2. You can view data based on different meal times: Before/After Breakfast, Before/After Lunch, Before/After Dinner, Before/After Meal, or View All Data.
3. The standard day chart can display the 24-hr profile of the readings within the selected time period.

NOTE

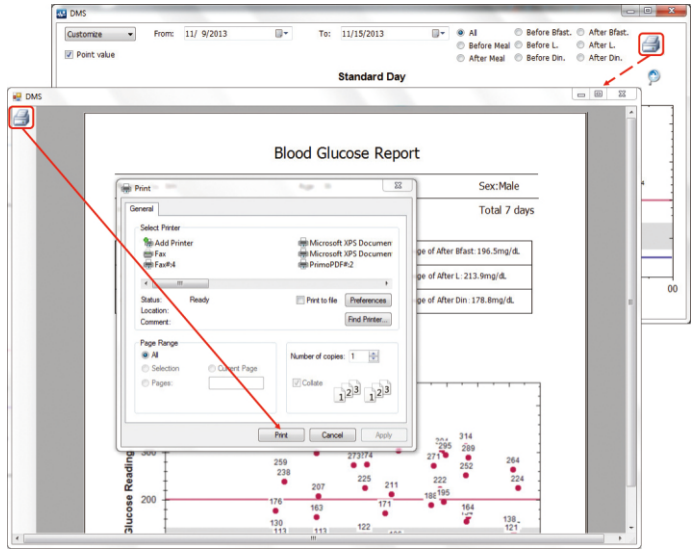
1. You can uncheck "Point Value" from your readings if you do not wish them to be displayed. When you move your mouse cursor to a reading, it will show the date, time, and point value of that particular reading.
2. Click on to enlarge the trend chart. To exit zoom view, simply close the window.
3. On the standard day chart:
   - The gray area in between the limits indicates the normal blood glucose range.
   - The purple line is the hyperglycemia value.
   - The blue line is hypoglycemia value.



Advanced Data Analysis (continued)

The standard day chart can be printed in one page. Please complete the following steps.

1. Click on icon for the Print Preview.
2. Click on icon in the preview page.
3. Click on "Print" Print to print the standard day chart.



Printing Reports

The ***Rightest***® Diabetes Management Software allows you to print your blood glucose readings and reports.

Printing Steps:

1. Click on "Print Report" to enter the printing settings.
2. Select the desired time period for the readings and reports you wish to print.
3. You can click on 'Advanced Print' for more options.

NOTE

1. If you wish to print the regression curve and the moving average line, use the "Advanced Print" function.
2. If you select data from one specific day, the regression curve and the moving average line in the trend chart will NOT be available for printing.

Changing User Settings

After you log in, you can update or change your user profile information using the following step:

1. Click on "User Settings" to access your user profile.
2. You can modify your personal information (except name), meal time schedules, and blood glucose limits and ranges.
3. Click on "Save and Close" Save and Close to save your settings.

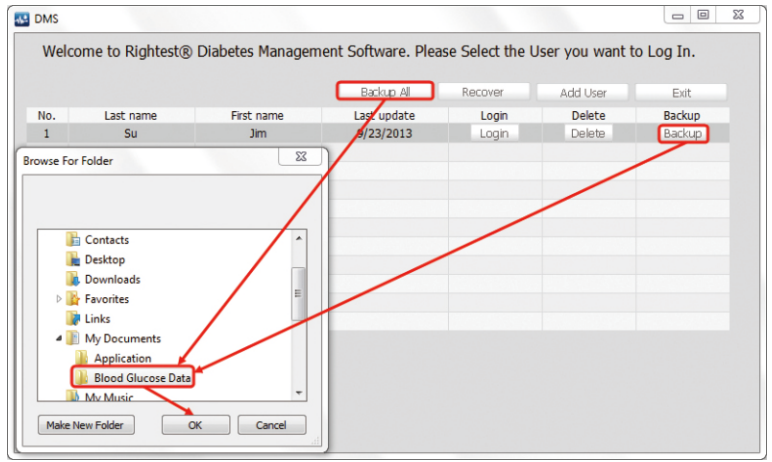
NOTE

1. It is important that the meal time schedule you set up in the ***Rightest***® Diabetes Management Software is the same as your daily meal schedules.
2. If any fields are left blank or entered incorrectly, the software will not allow you to continue. If you are unsure, click "Recommended Setting".
3. According to the AACC (The American Association for Clinical Chemistry), the suggested hyperglycemia maximum is any reading higher than 126mg/dL, and the normal blood glucose range is any reading within 70~99 mg/dL.
4. Be sure to consult with a healthcare professional or your physician BEFORE entering in your blood glucose limits and ranges.

You can back up one or more user profiles at the welcome screen before you login. To backup and recover, please complete the following steps.

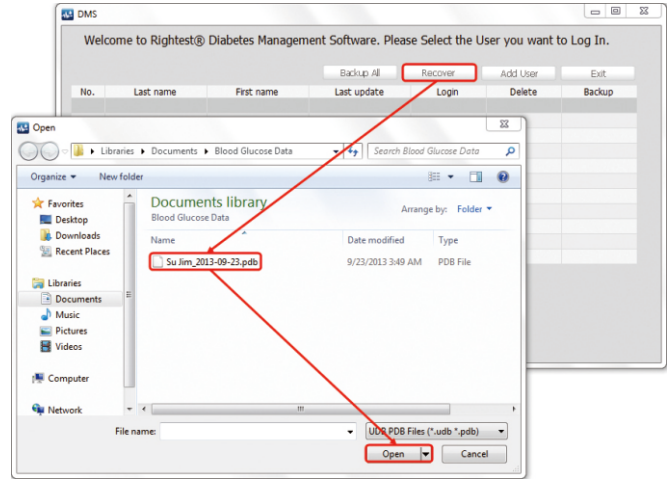
Backup Steps:

1. Click on "Backup" Backup to backup your individual user profile, or click on "Backup All" Backup All to backup all user profiles.
2. Select the folder you wish to save the backup in.
3. Click on "OK" OK to finish backing up.



Recovery Steps:

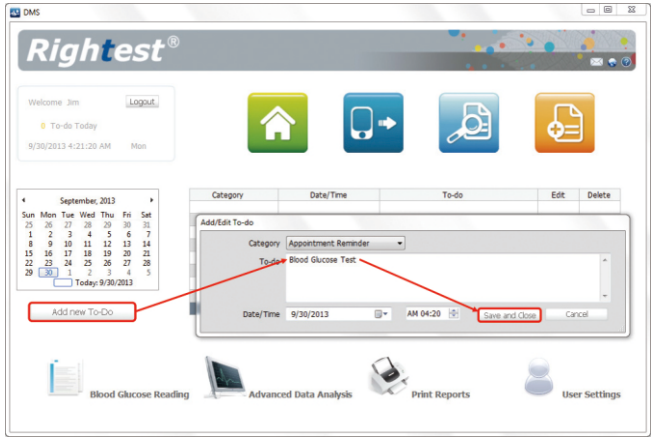
1. Click on "Recover" Recover to retrieve your previously saved data.
2. Select the file you wish to recover.
3. Click on "Open" Open to finish the recovery.



NOTE
Once you recover data, your current profile will be replaced with the backup profile you selected.

To-Do List

With the ***Rightest***® Diabetes Management Software, you can set up reminders of upcoming events, medicine dosage or important comments and alerts. To create a To-Do list, please complete the following steps.



1. Click on "To-Do List" .
2. Click on "Add new To-Do" Add new To-Do to create a new event.
3. Input the time, select the category of the reminder, and enter in any notes about the event.
4. Click on "Save and Close" Save and Close to finish and save.

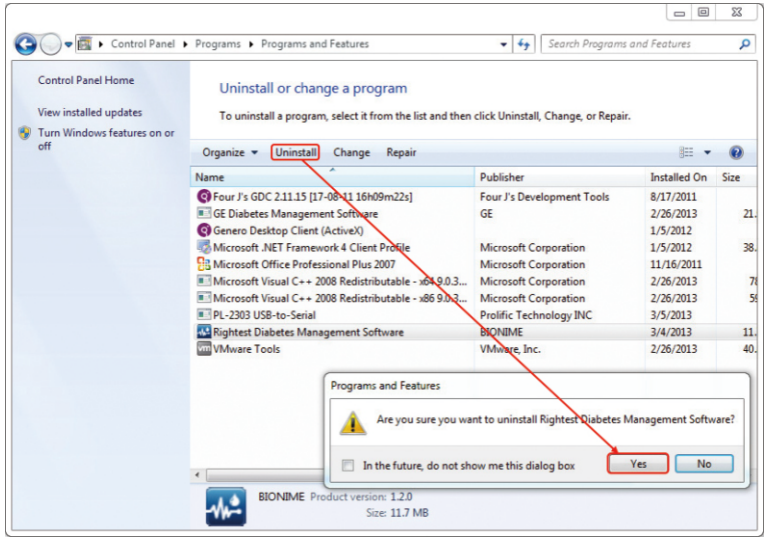
NOTE

1. In each event, the maximum number of characters in a note is 255. If you exceed this amount, an ERROR message will pop up.
2. All reminder messages will alert you at their appointed time.

Un-installation

To un-install the ***Rightest***® Diabetes Management Software, please complete the following steps.

1. Go to the "Control Panel" and select "Uninstall a program".
2. Find and select "***Rightest***® Diabetes Management Software".
3. Click on "Uninstall" , then confirm by clicking "Yes" to un-install the program.



Customer Service

Please be sure to read and review ALL instructions of this User's Manual prior to using the *Rightest*® Diabetes Management System.

We sincerely like to provide complete, considerate services to our customers. Please review all the instructions to make sure you are performing the steps correctly. If you have any questions or in case of problems with the products, please contact your local Bionime customer service.

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